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Wouter B. Teeuw, Henk M. Blanken
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Jane B. Grimson
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S. Migasena, S. Simasathien, R. Samakoses, P. Pitisuttitham, J. Heath, W. Bellini, J. Bennett
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Carlo Combi, Yuval Shahar
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Oscar Díaz
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Computers and Biomedical Research, Volume 23, Issue 3, June 1990, Pages 222-239
Donald W. Rucker, David J. Maron, Edward H. Shortliffe
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A. J. Thomson, E. Allen, D. Morrison
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Agricultural Systems, Volume 56, Issue 2, February 1998, Pages 185-207
Patricia Ellison, Gavin Ash, Craig McDonald

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Computerized **medical** diagnostic and treatment advice system including list ...

US Pat. 5935060 - Filed Jul 11, 1997 - First Opinion Corporation

Associated with these processes are a patient and assistant The **computer** 116 ...

The **script** engine software is written in Borland diseases, **symptoms**, ...

Computerized **medical** diagnostic system utilizing list-based processing

US Pat. 6641532 - Filed Aug 7, 2001 - First Opinion Corporation

The **computer** 116 preferably is a personal **computer** with w an Intel Pentium ...

For each disease, the **script** lists the **symptoms** and their weights. ...

Automated diagnostic system and method including synergies

US Pat. 6787325 - Filed Oct 22, 2002 - First Opinion Corporation

Object-Based Medical Diagnosis 65 This section describes a new diagnostic ...

and **symptom objects** as representing the **medical** experts inside the **computer**. ...

Automated diagnostic system and method including multiple diagnostic modes

US Pat. 6524241 - Filed Feb 14, 2001 - First Opinion Corporation

When a new **symptom object** is created by Author A, a copy of the new **symptom** ...

the system **symptom** database may contain several thousand **symptom script** ...

[APPLICATION] Automated diagnostic system and method including alternative **symptoms**

US Pat. 9785047 - Filed Feb 14, 2001

When a new **symptom object** is created by Author A, a copy of the new **symptom** ...

the system **symptom** database may contain several thousand **symptom script** ...

[APPLICATION] Automated diagnostic system and method including reuse of diagnostic **objects**

US Pat. 9785044 - Filed Feb 14, 2001

When a new **symptom object** is created by Author A, a copy of the new **symptom** ...

the system **symptom** database may contain several thousand **symptom script** ...

Automated diagnostic system and method including encoding patient data

US Pat. 6748399 - Filed Nov 5, 2002 - First Opinion Corporation

A benefit of the **object**-based system having **Symptom Objects** and using the

Alternative **Symptom** ... At run time, the system matches the patient to the

script. ...

[APPLICATION] Automated diagnostic system and method

US Pat. 10828793 - Filed Apr 20, 2004

When a new **symptom object** is created by Author A, a copy of the new **symptom** ...

the system **symptom** database may contain several thousand **symptom script** ...

[APPLICATION] Automated diagnostic system and method including disease timeline

US Pat. 9785046 - Filed Feb 14, 2001

When a new **symptom object** is created by Author A, a copy of the new **symptom** ...

the system **symptom** database may contain several thousand **symptom script** ...

[APPLICATION] DISEASE MANAGEMENT SYSTEM AND METHOD INCLUDING SIGNIFICANT **SYMPTOM** FILTERING

US Pat. 11930792 - Filed Oct 31, 2007 - Clinical Decision Support, LLC

The **script** engine may also reside in the user **computer** 116 (FIG. 2d). ... a

patient response database 244, a **medical** history **objects** database 246, ...

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[Issued patents](#)[Applications](#)Computerized **medical** diagnostic and treatment advice system including list ...

US Pat. 5935060 - Filed Jul 11, 1997 - First Opinion Corporation

In another embodiment, the **medical** authors may write the **scripts** in a ... is where the **symptoms** occur one after the other, **computer** but by the **script** ...Computerized **medical** diagnostic system utilizing list-based processing

US Pat. 6641532 - Filed Aug 7, 2001 - First Opinion Corporation

Process 350 preferably is not performed by a **computer** but by the **script** ...Moving to state 396, for each **symptom**, the **medical** specialist defines a flow of

...

Automated diagnostic system and method including encoding patient data

US Pat. 6746399 - Filed Nov 5, 2002 - First Opinion Corporation

A benefit of the **object**-based system having **Symptom Objects** and using the Alternative **Symptom** ... At run time, the system matches the patient to the **script**. ...Automated diagnostic system and method including alternative **symptoms**

US Pat. 6527713 - Filed Feb 14, 2001 - First Opinion Corporation

The NO is another interface, between the **script objects** 40 and the patient. ...by a **medical** record in which some or all **symptoms** already have values, ...Automated diagnostic system and method including multiple diagnostic modes

US Pat. 6524241 - Filed Feb 14, 2001 - First Opinion Corporation

When a new **symptom object** is created by Author A, a copy of the new **symptom** ... the system **symptom** database may contain several thousand **symptom script** ...[APPLICATION] Automated diagnostic system and method including reuse of diagnostic **objects**

US Pat. 9785044 - Filed Feb 14, 2001

When a new **symptom object** is created by Author A, a copy of the new **symptom** ... the system **symptom** database may contain several thousand **symptom script** ...[APPLICATION] DISEASE MANAGEMENT SYSTEM AND METHOD INCLUDING SIGNIFICANT **SYMPTOM** FILTERING

US Pat. 11930792 - Filed Oct 31, 2007 - Clinical Decision Support, LLC

The **script** engine may also reside in the user **computer** 116 (FIG. 2d). ... a patient response database 244, a **medical** history **objects** database 246, ...Automated diagnostic system and method including synergies

US Pat. 6787325 - Filed Oct 22, 2002 - First Opinion Corporation

When a new **symptom** embodiment, the **symptom** weights may be increased when **object** ... as worded by **script** can reuse previously written and debugged **objects** by ...Computerized **medical** diagnostic and treatment advice system including ...

US Pat. 6022315 - Filed Jul 11, 1997 - First Opinion Corporation

In another embodiment, the **medical** authors may write the **scripts** in a **medical** authoring language or as nodes and branches as the patient **computer** 2116 for ...[APPLICATION] Automated diagnostic system and method including disease timeline

US Pat. 9785046 - Filed Feb 14, 2001

When a new **symptom object** is created by Author A, a copy of the new **symptom** ... the system **symptom** database may contain several thousand **symptom script** ...

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[Issued patents](#)[Applications](#)Computerized **medical** diagnostic and treatment advice system including ...

US Pat. 6022315 - Filed Jul 11, 1997 - First Opinion Corporation

A video camera 2122 may be optionally connected to the **computer** 2116 to provide visual input, such as visual **symptoms**. Various other devices may be used to ...[APPLICATION] Computerized clinical questionnaire with dynamically presented questions

US Pat. 9910463 - Filed Jul 20, 2001

Thus, by the time a physician recognizes a disease **symptom**, the disease hasFor example, any number of **computer** programming languages, such as **Java**, ...Automated method for diagnosing and monitoring the outcomes of atrial ...

US Pat. 6704595 - Filed Aug 13, 2001 - Cardiac Intelligence Corporation

1), along with quality of life and **symptom** measures sets 25o, 25b, ... such as the C or **Java** programming languages, and is presented for execution by the ...[APPLICATION] Online **medical** data collection

US Pat. 11320211 - Filed Dec 28, 2005

The web site can use CGI scripts, **Java**, Active X, or any other desired method for ... [0026] The **medical** evaluation form can be printed from a **computer**. ...Automated collection and analysis patient care system and method for ...

US Pat. 6440066 - Filed Nov 16, 1999 - Cardiac Intelligence Corporation

Each module is a **computer** program written as source code in a conventional programming language, such as the C or **Java** programming languages, ...[APPLICATION] Systems and methods for providing variable **medical** information

US Pat. 10789778 - Filed Feb 27, 2004 - Cardiac Pacemakers, Inc.

For example, a physician can enter patient **symptoms** and **medical** device information into a ... In one particular case, the applet is written in **JAVA** code, ...[APPLICATION] Systems and methods for delivering and gathering **medical** diagnostic data

US Pat. 10789636 - Filed Feb 27, 2004 - Cardiac Pacemakers, Inc.

For example, a physician can enter patient **symptoms** and **medical** device information into a ... In one particular case, the applet is written in **JAVA** code, ...[APPLICATION] Systems and methods for accessing and distributing **medical** information

US Pat. 10789727 - Filed Feb 27, 2004 - Cardiac Pacemakers, Inc.

For example, a physician can enter patient **symptoms** and **medical** device information into a ... In one particular case, the applet is written in **JAVA** code, ...[APPLICATION] Systems and methods for directing content without compromising privacy

US Pat. 9770808 - Filed Jan 26, 2001

... 40 can be operated by utilizing a programming language such as **Java**, ...
computer 30 confidential **medical** information about the signs, **symptoms** and ...[APPLICATION] Automated patient care system and method for diagnosing and monitoring ...

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[APPLICATION] [Medical data analysis method and apparatus incorporating in vitro test data](#)

US Pat. 10323260 - Filed Dec 18, 2002

In general, many **medical** interactions will begin with specific **symptoms** or ...
access and processing of data for **analysis** of interest to specific users, ...

[APPLICATION] [SENSITIVITY ANALYSIS FOR SELECTING THERAPY PARAMETER SETS](#)

US Pat. 11691413 - Filed Mar 26, 2007 - Medtronic, Inc.

The link between poor sleep quality and increased **symptoms** is not limited to ...
[0007] For the sensitivity **analysis**, a **medical** device may deliver therapy ...

[APPLICATION] [Reverse failure analysis method and apparatus for diagnostic testing](#)

US Pat. 11452273 - Filed Jun 14, 2006

In the **medical** industry, diagnostic systems provide for monitoring body ... The
method can further include associating a first **symptom** with the first ...

[Automated questionnaire for assisting in the diagnosis and treatment of ...](#)

US Pat. 6607482 - Filed Nov 28, 2000

... **ANALYSIS** AND ORGANIZATION TO MAKE A COMPLETE **MEDICAL** HISTORY AND
ILLNESS ...

The questionnaire has a basic **symptom** module that gathers basic **symptom** ...

[Disease management system and method](#)

US Pat. 7769600 - Filed Oct 31, 2007 - Clinical Decision Support

... Home **Medical Guide & Symptom Analysis**", Applied **Medical Informatics**, 1995,
pp. ... Barnett et al., A computer-based **medical** information system for ...

[APPLICATION] [Multi-dimensional analysis of medical data](#)

US Pat. 11015526 - Filed Dec 17, 2004 -

In general, many **medical** interactions will begin with specific **symptoms** or
medical events which trigger contact with a **medical** institution or practitioner.

...

[Automated collection and analysis patient care system and method for ...](#)

US Pat. 6440066 - Filed Nov 16, 1999 - Cardiac Intelligence Corporation

8 15 2J **medical** device 12 or the external **medical** device 26, ... device 12 or
external **medical** device 26, quality of life and **symptom** measures sets 25a can

...

[APPLICATION] [Computer implemented medical integrated decision support system](#)

US Pat. 11799339 - Filed May 1, 2007 - Medco Health Solutions, Inc.

11 illustrates the **analysis** and counseling, outbound interventions, ... For
example, if the caller is experiencing **medical symptoms** and requires clinical

...

[APPLICATION] [Medical composition for managing hormone balance](#)

US Pat. 11100761 - Filed Apr 7, 2005

The nutrient profile of the **medical** composition is shown in Table 7. ... [0182]
Statistical **Analysis** [0183] Baseline data (the level of **symptoms** experienced ...

[Computer aided diagnostic assistance for medical imaging](#)

US Pat. 7244230 - Filed Nov 6, 2003 - Siemens Medical Solutions USA, Inc.

55 In act 36, a CAD **analysis** is performed. **Medical** sensor data, such as

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[Issued patents](#)[Applications](#)Computer aided diagnostic assistance for **medical** imaging

US Pat. 7244230 - Filed Nov 6, 2003 - Siemens Medical Solutions USA, Inc.

55 In act 36, a CAD **analysis** is performed. **Medical** sensor data, such as ultrasound ... with a particular examination or **symptoms** for relative CAD **analysis**. ...

[APPLICATION] Method and system for managing chronic disease and wellness online

US Pat. 9844933 - Filed Apr 26, 2001

Other examples include: the **symptoms** a person is feeling; ... [0052] According to one embodiment, a **medical analysis** engine 216 generates a **Medical** ...

[APPLICATION] Method and system for modeling, **analysis** and display of network security events

US Pat. 10279330 - Filed Oct 24, 2002

Problems are defined by a set of **symptoms**. After analyzing the **symptoms**, ... use any extendable CIM-based or other **object-oriented** fault **analysis** tool that ...

Method and apparatus for monitoring physiologic parameters of a living subject

US Pat. 6705990 - Filed Jul 25, 2000 - Tensys Medical, Inc.

An their terminal and having the message converted to audio **analysis** window is ... of an **object-oriented** distributed application architecture apparatus. ...

[APPLICATION] Systems, methods and computer program products for creating and maintaining ...

US Pat. 9749330 - Filed Dec 27, 2000

Furthermore, in certain embodiments of the present invention, such as **object oriented** programming embodiments, the sequential nature of the flowcharts may ...

[APPLICATION] Computerized method and system for providing **medical** service and related ...

US Pat. 11234435 - Filed Sep 23, 2005

Such approach collects various **symptoms** and criteria for determining diseases. ... These modules can be implemented in **object oriented** languages or other ...

[APPLICATION] Internet-based glaucoma diagnostic system

US Pat. 9901476 - Filed Jul 9, 2001

nation, and a comparative **analysis** stage with images of **symptoms** for ... [0017] It is another **object** to take a glaucoma-**oriented** approach to both the ...

Driven equilibrium and fast-spin echo scanning

US Pat. 7755356 - Filed Oct 13, 2008 - Fonar Corporation

The process can also include applying a second-degree RF pulse at a center of the mth echo, such that magnetization of the imaging **object** is **oriented** in the ...

Computer architecture and process of patient generation, evolution, and ...

US Pat. 7024399 - Filed Oct 8, 2002 - American Board of Family Practice, Inc.

... with development of an **object oriented** database structured after the ESP model. ... Background Information for Knowledge Development **Medical** certifying ...

[APPLICATION] Method, system and computer program product for internet-enabled, patient ...

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[Issued patents](#)[Applications](#)Automated **diagnostic** system and method including **disease** timeline

US Pat. 6589093 - Filed Feb 14, 2001 - First Opinion Corporation

In the case being illustrated, the **Disease Object** 2930 selects one of its**Symptom** Objects and moves to method 2941 to obtain the value of that **symptom** in

...

Automated **diagnostic** system and method including multiple **diagnostic** modes

US Pat. 6524241 - Filed Feb 14, 2001 - First Opinion Corporation

Moving to state 3032, one **symptom object** S of **disease** D is selected as the ...to **symptom** S are retrieved and applied to the **diagnostic** score of **disease** D, ...Automated **diagnostic** system and method including synergies

US Pat. 6468210 - Filed Feb 14, 2001 - First Opinion Corporation

If we ask the Appendicitis **Disease Object** to look at a patient, the **object** looksat the patient ... a list of **symptom** values and their **diagnostic** weights, ...Automated **diagnostic** system and method including alternative symptoms

US Pat. 6527713 - Filed Feb 14, 2001 - First Opinion Corporation

1, the system calls a function to select the next focus **symptom**, in 65 FIG. 29b,it is the current **disease object** that selects the next **symptom**. ...Automated **diagnostic** system and method including encoding patient data

US Pat. 6746399 - Filed Nov 5, 2002 - First Opinion Corporation

For example, 40 the function FORM CANDIDATE **DISEASE** LIST would be called by thesystem **object** to begin a **diagnostic** session as shown in FIG. 2. **Object** 2903 ...[APPLICATION] Automated **diagnostic** system and method

US Pat. 10828793 - Filed Apr 20, 2004

Moving to state 3032, one **symptom object** S of **disease** D is selected as the ...to **symptom** S are retrieved and applied to the **diagnostic** score of **disease** D, ...[APPLICATION] Automated **diagnostic** system and method including reuse of **diagnostic** objects

US Pat. 9785044 - Filed Feb 14, 2001

In other **diagnostic** systems, diseases and objects are treated as inanimate data... 29b, it is the current **disease object** that selects the next **symptom**. ...[APPLICATION] Matrix interface for medical **diagnostic** and treatment advice system and method

US Pat. 11258507 - Filed Oct 24, 2005

B. **Symptom Object** [0111] A **Symptom Object** (SO) is a software **object** that ... TheMatrix system allows the user to look at **disease** information by an anatomic ...Similar image search system

US Pat. 7374077 - Filed Apr 2, 2003 - FUJIFILM Corporation

When **symptom** data is included in the **diagnostic** data stored in the **diagnostic**database 20b, the similitude image data which is similar to the **object** image ...[APPLICATION] Internet-based glaucoma **diagnostic** system

US Pat. 9901476 - Filed Jul 9, 2001

[0016] It is another **object** to provide a comprehensive web-based ... ensure accurate and reliable diagnosis and prescription for the **symptom** free **disease**.

...